

* scan and attach as pdf (OA Appendix) to Int. Summary

89. (Currently Amended) A device for transporting reels of material comprising:

a reel preparation station adapted to prepare said reels of material;

an intermediate a reel storage area adapted to receive and to store a plurality of said reels of material received from said reel preparation station, each of said reels of material having a reel width in an axial direction of each said reel of material;

AND A REEL DIAMETER

a plurality of storage spaces in said storage area;

a plurality of at least one primary transport carriages, each carriage

SAID PRIMARY TRANSPORT CARRIAGE BEING

adapted to support one of said reels a reel of material in said reel preparation station

and in said intermediate reel storage area;

DURING MOVEMENT DIRECTLY FROM SAID REEL PREPARATION STATION TO SAID INTERMEDIATE REEL STORAGE AREA

a web-processing machine including at least one web-processing station

and a reel changer having an uploading and unloading position, said at least one web-

processing station and said reel changer being arranged sequentially in a longitudinal

direction of web travel through said web-processing machine, said intermediate reel

storage area being located adjacent said web-processing machine; and

a transport route for each said primary transport carriage and extending

SINGLE STRAIGHT

TO FOLLOW

directly from said intermediate reel storage area to said reel changer in said web-

processing machine, said transport route being parallel with said longitudinal direction

SINGLE STRAIGHT ALLOWED

of web travel through said web-processing machine, said at least one primary transport

carriage being movable along said transport route for moving the reels of material;

at least one secondary transport carriage, said at least one secondary

transport carriage being adapted to receive one of said primary transport carriages ^{AND ITS SUPPORTED ONE OF SAID REELS OF MATERIAL, DIRECTLY FROM}

said reel preparation station and to transport each said primary transport carriage and

its supported one of said reels of material directly to said intermediate reel storage area

along said transport route and to transport each said primary transport carriage ^{AND ITS SUPPORTED ONE OF SAID REELS OF MATERIAL,} directly ^{ALONG SAID TRANSPORT ROUTE TO} between said intermediate reel storage area and said uploading and unloading position

of said reel changer; and

a plurality of reel storage spaces in said intermediate reel storage area, ^A at

^{NUMBER} ~~least two~~ of said reel storage spaces being aligned directly one in front of the other in

said longitudinal direction of said web processing machine, ^{A MAJORITY} each of said ^{NUMBER OF SAID} at least two

longitudinally aligned ones of said plurality of reel storage spaces having a storage

^{IN A DIRECTION TRANSVERSE TO SAID LONGITUDINAL DIRECTION OF WEB TRAVEL,} space width ^{EACH} equal to twice said reel width of each said reel of material,

TO STORE TWO OF SAID REELS OF MATERIAL RECEIVING FROM SAID REEL PREPARATION STATION, A SPACING BETWEEN ADJACENT ONES OF SAID ALIGNED REEL STORAGE ^{SPACES} ~~SPACES~~ BEING GREATER THAN SAID REEL DIAMETER, AT LEAST TWO OF SAID ADJACENT ONES OF SAID REEL STORAGE SPACES BEING ADAPTED TO EACH STORE TWO OF SAID REELS OF MATERIAL RECEIVING FROM SAID REEL PREPARATION STATION AND SUPPORTED ON ONES OF SAID PRIMARY TRANSPORT CARRIAGES; AND

A PRIMARY TRANSPORT CARRIAGE DRIVE MEANS IN SAID MAJORITY OF SAID NUMBER OF SAID REEL STORAGE SPACES.